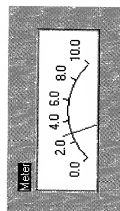
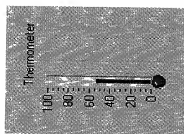
FIG. 1  
(PRIOR ART)

005121'6592E60



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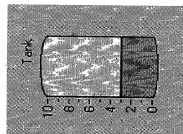
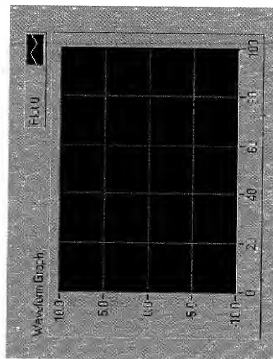


FIG. 2  
(PRIOR ART)





FIG. 3B

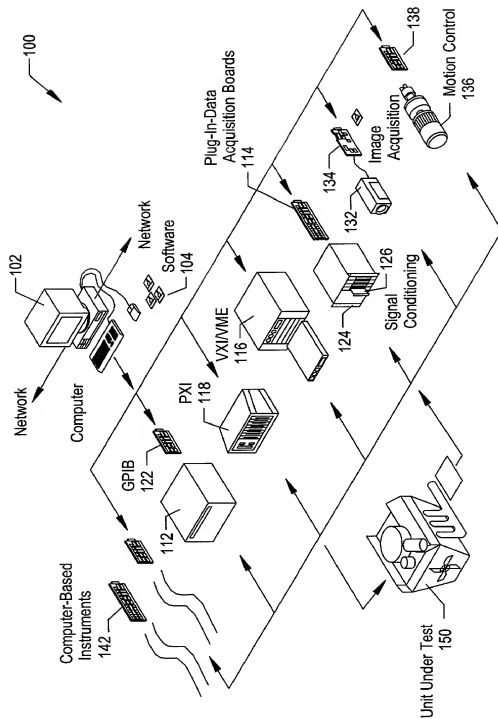


FIG. 4A

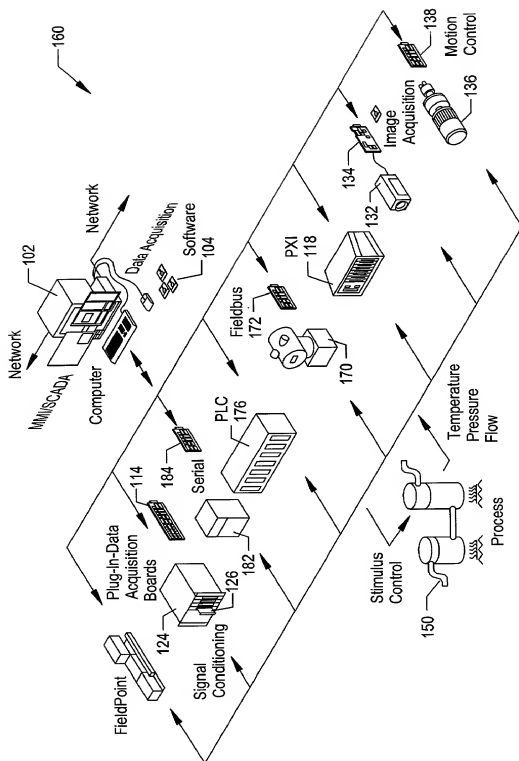


FIG. 4B

12 →

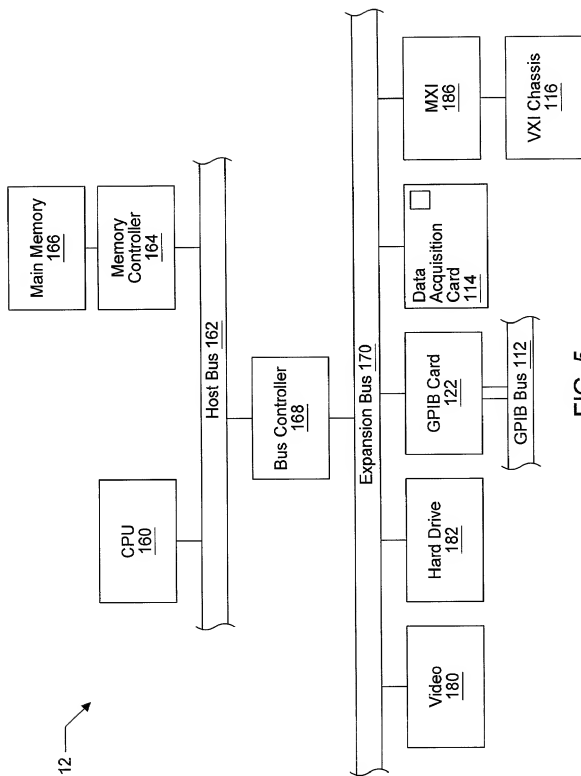


FIG. 5

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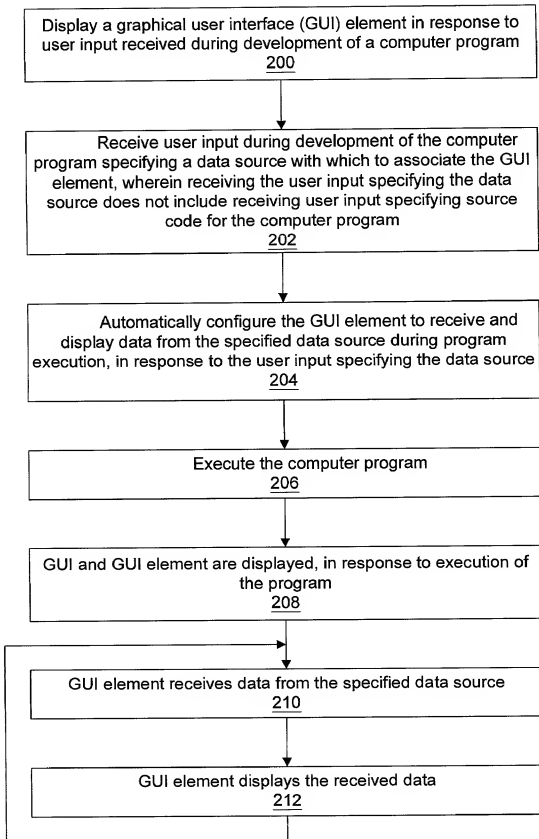


FIG. 6



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Step 202

Developer invokes a user interface dialog box for specifying  
data connection information for the GUI element  
250

Developer chooses a "subscribe" option for the data  
connection type  
252

Developer specifies the data source, such as a DataSocket  
server, an HTTP server, an FTP server, an SNMP server,  
an OPC server, a file, etc.  
254

Developer applies information specified via dialog box  
256

FIG. 7

09737639.121300

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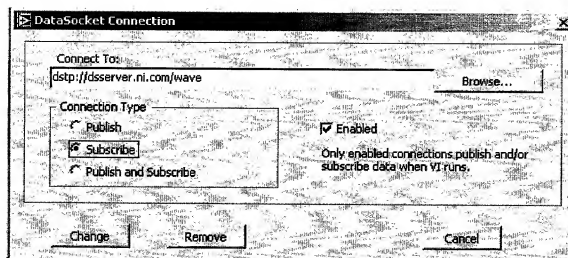


FIG. 8

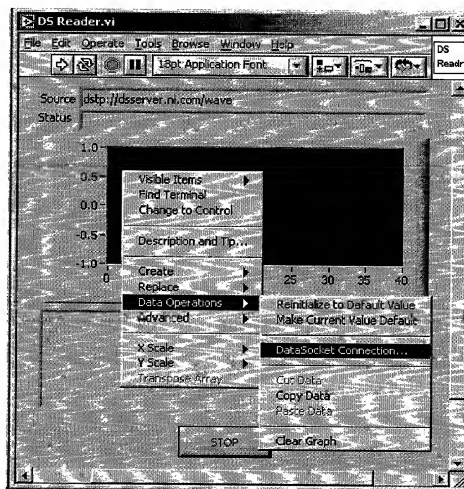


FIG. 9

09737639.121300

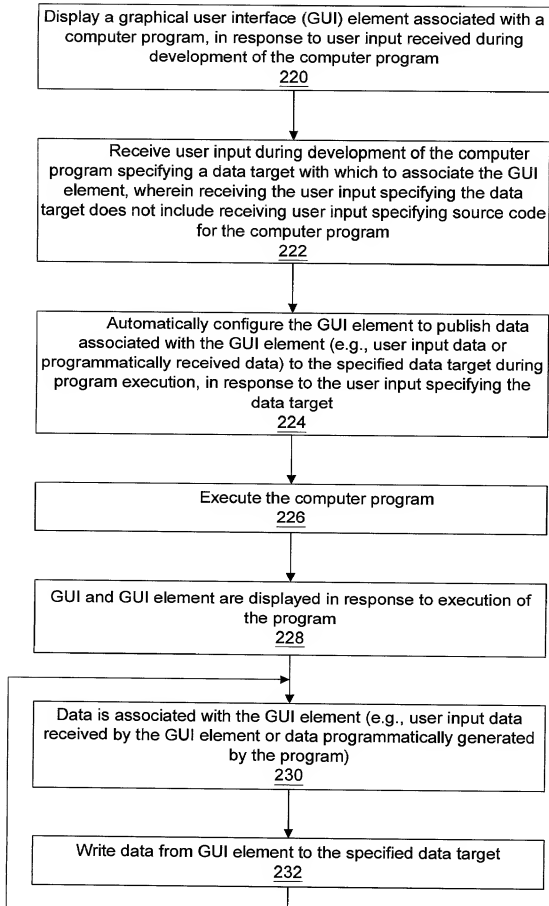


FIG. 10

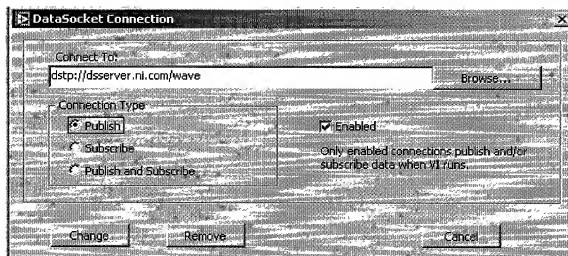


FIG. 11

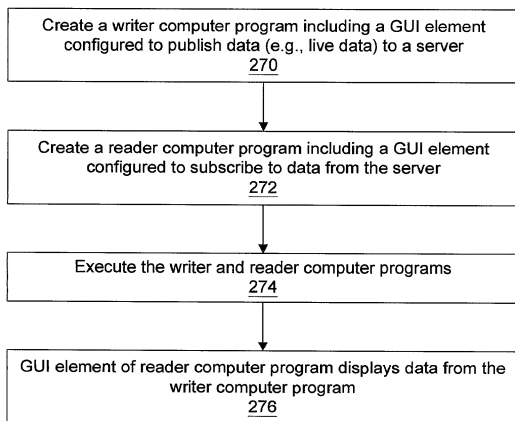


FIG. 12

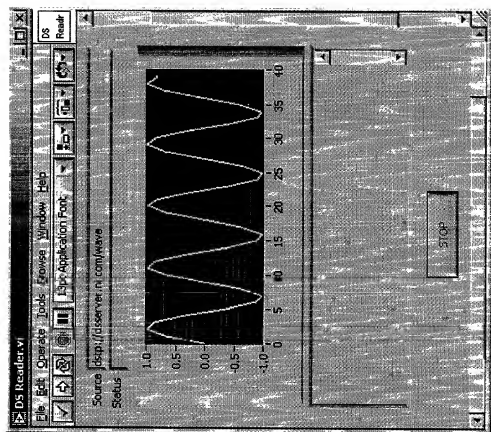


FIG. 14

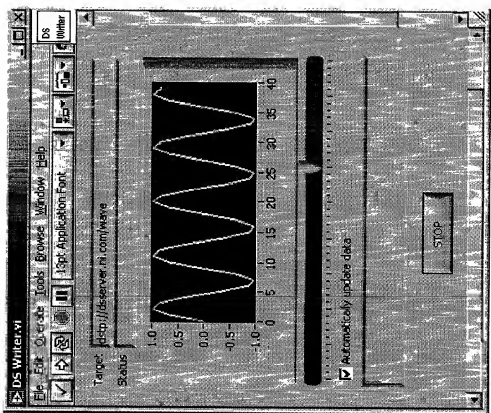


FIG. 13

All we need to do is to keep VI running.

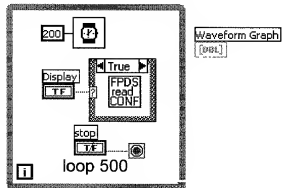


FIG. 15

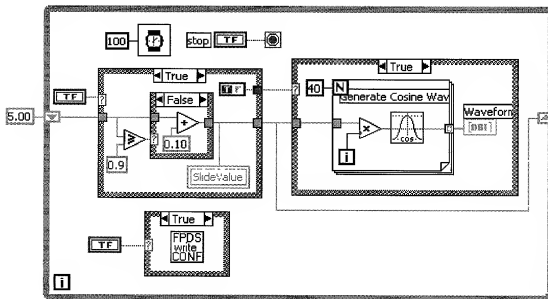


FIG. 16

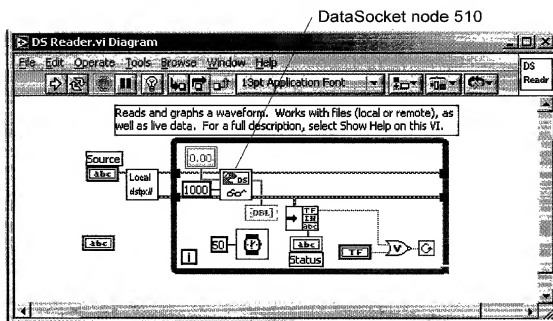


FIG. 17

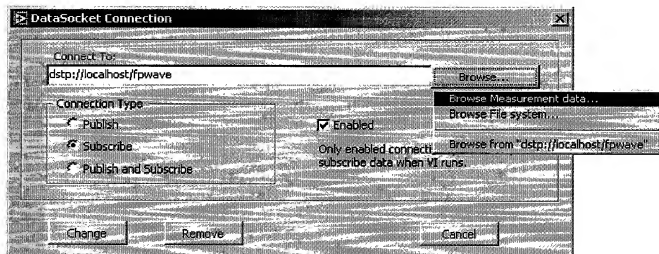


FIG. 18

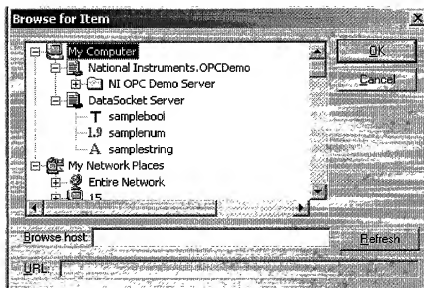


FIG. 19

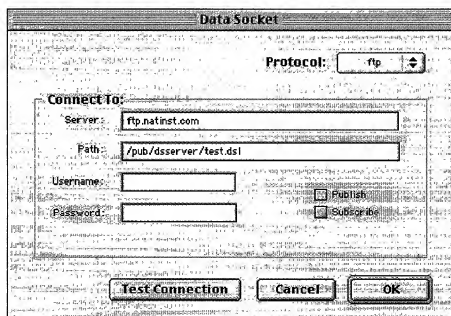


FIG. 20



status indicator  
520

FIG. 21



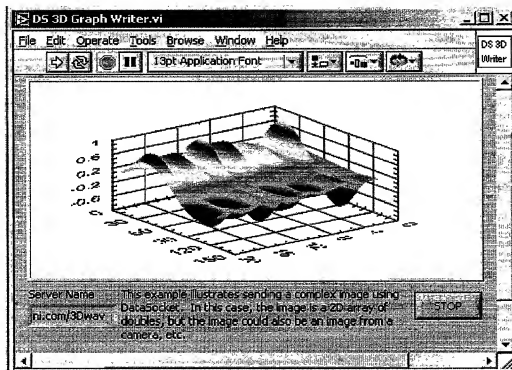


FIG. 22

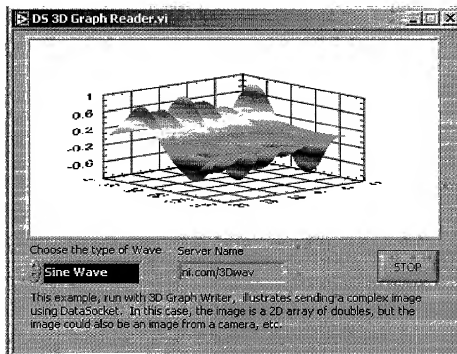


FIG. 23

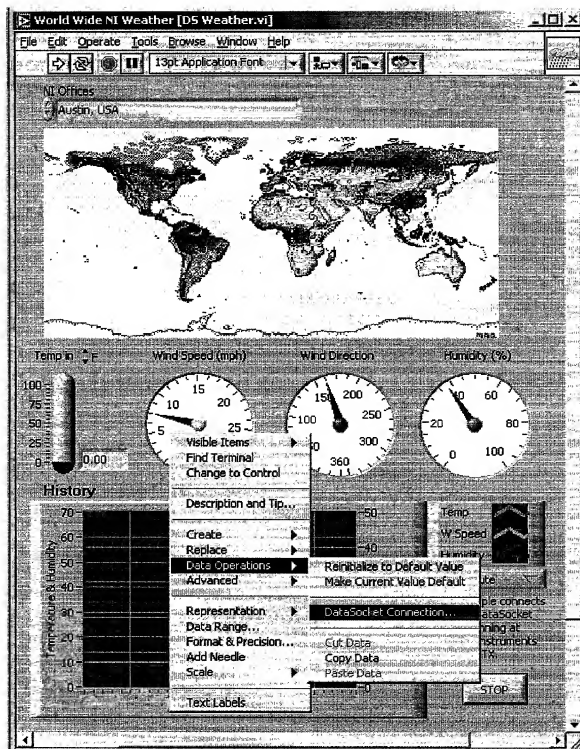


FIG. 24

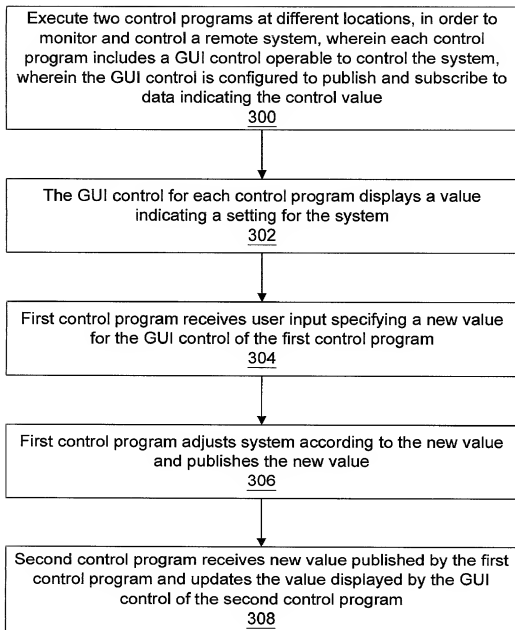


FIG. 25

## Data Socket Server Example

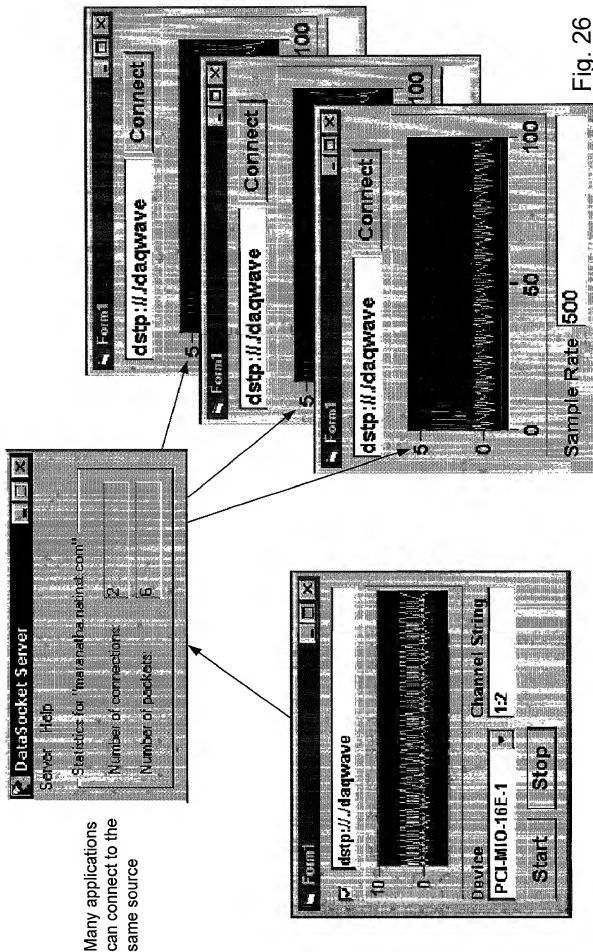


Fig. 26

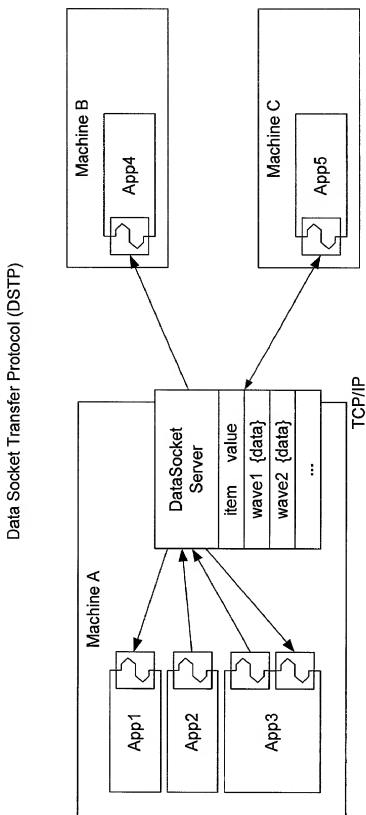


Fig. 27

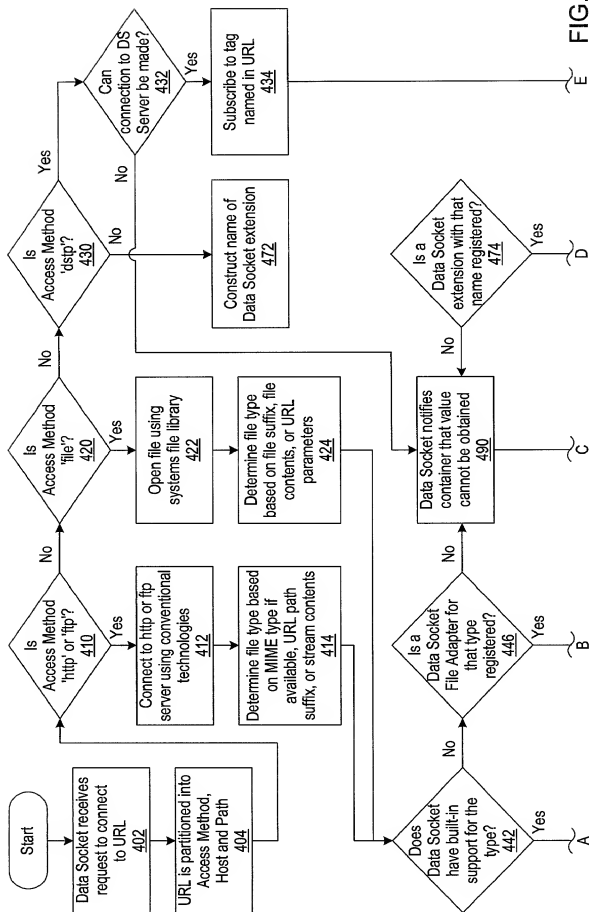


FIG. 28A

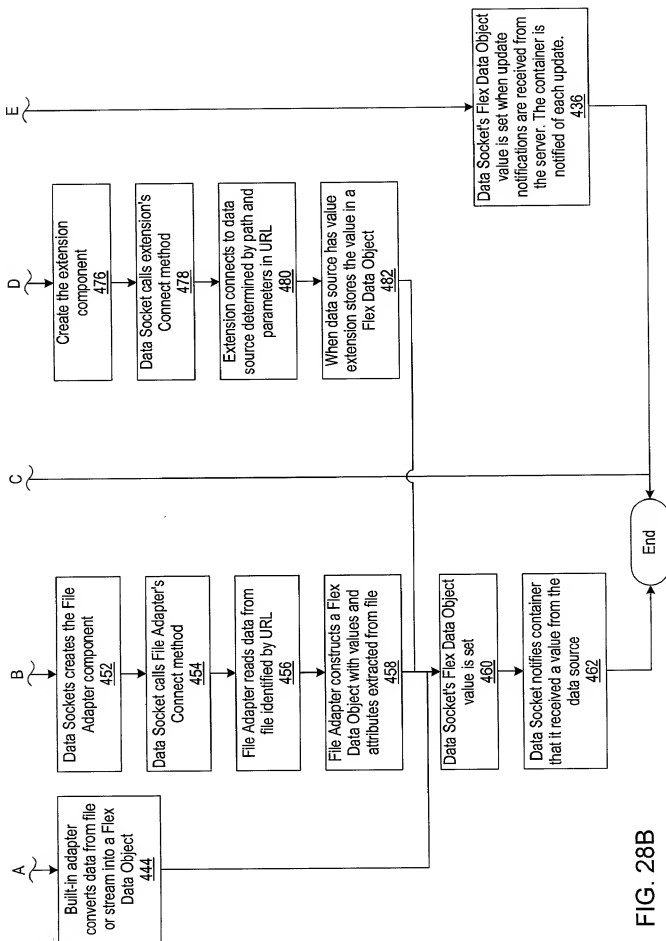


FIG. 28B

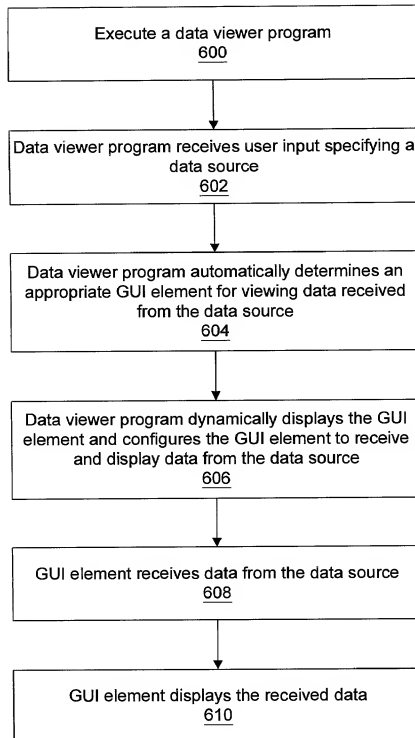


FIG. 29